

Title (en)
Windscreen wiper device

Title (de)
Scheibenwischvorrichtung

Title (fr)
Dispositif d'essuie-glace

Publication
EP 2090479 B1 20141126 (EN)

Application
EP 08101705 A 20080218

Priority
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Abstract (en)
[origin: EP2090479A1] A windscreen wiper device comprising an elastic, elongated carrier element, as well as an elongated wiper blade (2), which can be placed in abutment with a windscreen to be wiped, which wiper blade includes at least one longitudinal groove (5), in which groove a longitudinal strip (6) of the carrier element is disposed, wherein ends of said longitudinal strip are connected to a respective connecting piece (7), which windscreen wiper device comprises a connecting device (8) for an oscillating arm (9), with the special feature that said wiper blade (2) comprises an elongated upper holding part (3) and an elongated lower wiping part of a flexible material, wherein said holding part holds said wiping part (4), wherein said holding part comprises downwardly extending side arms (12), seen in cross-section, for holding said wiping part (4) from the outside in a lateral region thereof, wherein said holding part (3) is provided with a elongated reinforcement element, and wherein said holding part and said reinforcement element (20) are mutually connected through co-extrusion.

IPC 8 full level
B60S 1/38 (2006.01)

CPC (source: EP US)
B60S 1/3882 (2013.01 - EP US); **C09J 171/00** (2013.01 - EP US); **H05K 3/323** (2013.01 - EP US); **B60S 1/381** (2013.01 - EP US); **B60S 1/3881** (2013.01 - EP US); **B60S 2001/3836** (2013.01 - EP); **C08G 2650/56** (2013.01 - EP US); **C08L 2205/05** (2013.01 - EP US); **C08L 2666/04** (2013.01 - EP US); **H05K 3/361** (2013.01 - EP US)

Citation (examination)

- US 2005011033 A1 20050120 - THOMAR WOLFGANG [DE], et al
- DE 102006020524 A1 20071108 - BOSCH GMBH ROBERT [DE]
- EP 2042394 A1 20090401 - FEDERAL MOGUL SA [BE]

Cited by
CN102781738A; US9862354B2; US9227598B2; WO2012079869A1; WO2011101028A1

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